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CENTRAL INTELLIGENCE AGENCY 25X1 REPORT [REDACTED]

## INFORMATION REPORT

CD NO.

COUNTRY Germany (Russian Zone)

DATE DISTR. 15 March 1950

SUBJECT Radar Set in Falkenberg

NO. OF PAGES 2

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ACQUIRED

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NO. OF ENCLS. [REDACTED]  
(LISTED BELOW)

25X1

DATE OF  
INFO.SUPPLEMENT TO  
REPORT NO.

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THIS IS UNEVALUATED INFORMATION

1. A radar set was observed on 24 October 1949 in Falkenberg (N 52/E 44)  
in a field, not far from the site where it was observed in February  
1949 [REDACTED]

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2. The following details of the set were noted:

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a. The two "ears" [REDACTED] were no longer provided with  
grids but consisted of the middle axis extending from the pivot (?)  
and one frame each. The "ears" were braced [REDACTED]

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b. A rod about 1.2 meters long [REDACTED] was fitted in  
the center of each of the two ears, which were arranged vertically  
in relation to the middle axis. The rods were fitted with two thin  
cross bars [REDACTED]

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c. Eight cross rods of equal length were fitted in the way of ladder  
rungs along two rods [REDACTED]

d. For bracing system [REDACTED]

3. The entire set was about 8½ meters high [REDACTED]

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[REDACTED] The trucks were not fitted with antennas.  
There was a tent in the immediate vicinity of the radar set. Feed  
lines were not seen. The set was observed in very bad weather from  
a distance of about 270 feet.

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4. No rotations were seen at the set during the time of observation.  
There was no flying.

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[REDACTED] Comment:

a. The presence of the described radar set was first reported [REDACTED]

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[REDACTED] in February 1949 and later confirmed [REDACTED]

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## CENTRAL INTELLIGENCE AGENCY

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b. No definite connection between this set and the flying activities at the field has so far been proved.

25X1 c. The wave length of the set results from the estimated length of  
25X1 the dipoles (1.2 meters); it is therefore about 2.4 meters. The rods  
25X1 [ ] are mounted at a distance of  $\lambda$  behind the rods  
25X1 represented by item 1; they are probably reflectors for the dipole  
25X1 (1). It is possible that the two dipoles are fed through a common  
25X1 line located in the interior of the mast [ ] branching out at  
25X1 [ ] The two rows of rods [ ] may be fed through the H-shaped  
25X1 tube system. However, from the shape of the structure no conclusions  
25X1 can be drawn as to the type of the antenna diagram. The assumption  
25X1 that the H-shaped tube system is an antenna is not supported by the  
25X1 fact that it is braced [ ]. It is inferred that these rows of rods  
25X1 are a number of reflectors which are designed to effect a certain  
25X1 directivity of the dipoles [ ] in a horizontal plane. A separate use  
of the two dipoles [ ] for transmitting and receiving purposes is  
improbable, since in that case no great directional effect could be  
expected. A subdivision of the bracing wires [ ] would likewise  
be senseless.

The set described is assumed to be a beacon or a DF with a wave length of from two to three meters.

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